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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/900,881

Group No.: 1724

Inventors: Bikson et al.

Filed: 07/10/2001

Title: INTERNAL HOLLOW FIBER MEMBRANE GAS DRYER AND FILTRATION DEVICE
Examiner: Spitzer

Box Non-fee Amendment

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

PRELIMINARY AMENDMENT

Please amend the application as follows:
In the claims:

Please add new claim 34:

B1 34. The process of claim 1, further comprising draining the permeated water vapor a waste fluid from said casing.

Please amend claims 1 and 28:

B2

1. (Once amended) A gas purification process comprising:
 - a) passing a feed gas stream containing water vapor through at least one filtration element adopted to suspended matter from said incoming feed gas passing therethrough,
 - b) contacting the filtered feed gas with a multiplicity of hollow fiber membranes contained in a cartridge, permeating a portion of the water vapor contained in the feed gas stream through the membranes, and
 - c) recovering the main remaining nonpermeate dehydrated and filtered gas stream wherein said filtration element and said hollow fiber membrane cartridge are disposed around a common longitudinal axis and are enclosed in a common casing.